



Bearing No. 22315EMKW33

b	10.5 mm
e	0.34
k	5 mm
d	75,000 mm
D	160,000 mm
H	55,000 mm
B	55 mm
Y0	1.96
Y1	2
d2	91.9 mm
Y2	2.98
D1	138.3 mm
Nlim	4,200 rpm
Mass	5.1 kg
Nref	3,600 rpm
da min	87 mm
db min	82 mm
Ce min	6 mm
Da max	148 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	75x160x55
Width (mm)	55,000
Bearing number	22315EMKW33
Dynamic load, C	491 kN
Static load, C0	467 kN
Bore Diameter (mm)	75,000
Outer Diameter (mm)	160,000
Radial clearance class	CN
Fatigue limit load, Cu	43.3 kN

Associated sleeve reference	H2315
Number of lubrication holes	3
Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	5.59 Hz
Characteristic inner ring frequency, BPF1	8.41 Hz
Characteristic rolling element frequency, BSF	4.65 Hz